

Converting Colors

Hex(5981D5)

Have a look what the booklet for
Hex(5981D5) contains.

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Color

Hex(5981D5)

Conversions

Conversions Part 1

Format	Color
Hex	5981D5
RGB	89, 129, 213
RGB Percent	35%, 51%, 84%
CMY	0.6510, 0.4941, 0.1647
CMYK	0.58, 0.39, 0.00, 0.16
HSL	221°, 60%, 59%
HSV	221°, 58%, 84%
XYZ	23.9803, 22.6285, 66.0546
YIQ	126.6160, -50.8040, 17.6440

Conversions

Conversions Part 2

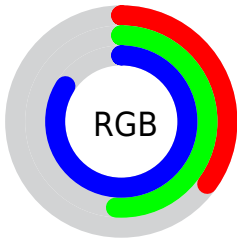
Format	Color
R_{YB}	89, 119, 213
Decimal	5865941
CIE _{Lab}	54.69, 11.26, -47.43
CIE _{LCh}	55, 48.750, 283.349
Yxy	22.6285, 0.2128, 0.2009
Android (android.graphics.Color)	4284056021 (0xFF5981D5)
YUV	126.6160, 42.5873, -32.9892
Hunter-Lab	47.5694, 6.7377, -49.0313

Details

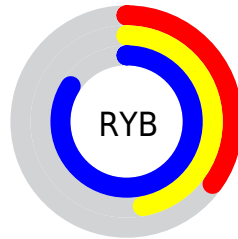
The Hex color **5981D5** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **D5AD59**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **93B6FF**, and **0D509E** is the 20% darker color. If you saturate the color by 10%, you get **4473D5**, and if you desaturate by 10%, it is **6E8FD5**.

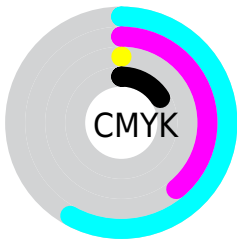
Distribution



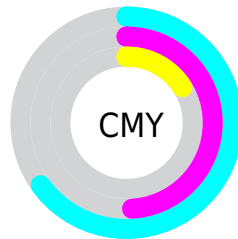
- Red (35%)
- Green (51%)
- Blue (84%)



- Red (35%)
- Yellow (47%)
- Blue (84%)



- Cyan (58%)
- Magenta (39%)
- Yellow (0%)
- Black (16%)



- Cyan (65%)
- Magenta (49%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5981D5 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5981D5 by changing the saturation by 10% instead.

■ 5981D5

■ 5981D5

FFFFFF

■ 3A68B9

■ 93B6FF

■ 0D509E

■ B1D1FF

■ 003A83

■ CEEDFF

■ 00256A

■ ECFFFF

■ 001151

■ 000539

■ 000223

■ 000009

■ 000000

■ 5981D5

■ 5981D5

■ 4473D5

■ 6E8FD5

■ 2E64D5

■ 849ED5

■ 1956D5

■ 99ACD5

■ 0447D5

■ AEBCD5

■ 0045D5

■ C3C9D5

■ D9D8D5

■ EEE6D5

■ FFF4D5

■ FFFF5

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



008ED3



5981D5



9E70C1

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5981D5



C8684B



009669

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5981D5



D5AD59

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



599142



5981D5



AE782F

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5981D5



D15D72



88872B



009895

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5981D5



BA65A9



88872B



2A955B

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5981D5



D4E2FF



59D5AC



666E80



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5981D5



4D86FF



6E59D5



60646B



0037AB



000E2B

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D55981



FF4D86



C0D559



6B6064



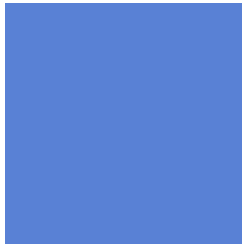
AB0037



2B000E

Previews

White Background



This preview shows how the Hex color 5981D5 looks on a white background.

Color Contrast Check

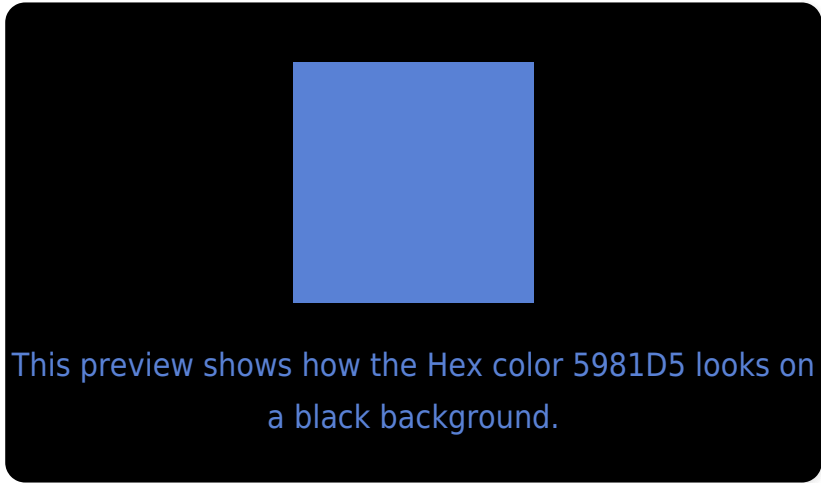
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

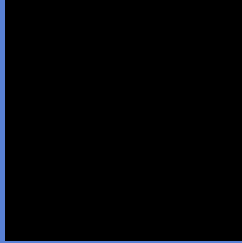
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5981D5 Background



This preview shows how black text looks on a background with the Hex color 5981D5.

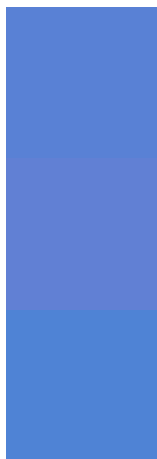


This preview shows how white text looks on a background with the Hex color 5981D5.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
5981D5

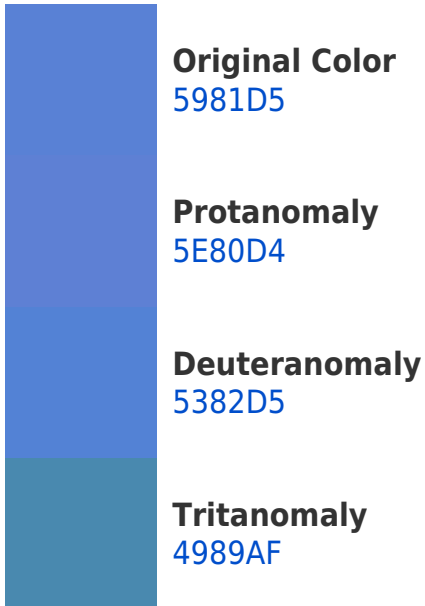
Protanopia
6180D4

Deuteranopia
4F83D5

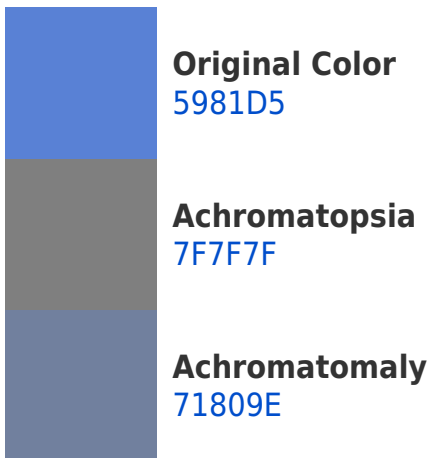


Tritanopia
408E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5981D5 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5981D5 looks like.

```
.text, #text, p{  
    color:#5981D5  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5981D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5981D5
}
```

Border

The CSS property to change the border of an element to Hex 5981D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5981D5 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5981D5 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5981D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5981D5; -webkit-box-shadow:4px 4px  
4px 4px #5981D5; box-shadow:4px 4px 4px  
4px #5981D5 }
```

Background

The CSS property to change the background color of an element to Hex 5981D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5981D5 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5981D5 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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